

## DISCLOSURE OF THE INVENTION

It is provided a method for producing a subunit peptide originating from an oligomeric protein having disulfide bonds within a subunit and between subunits. The method comprises producing a subunit originating from an oligomeric protein having disulfide bonds within a subunit and between subunits by the following steps:

(a) a step of refolding the subunit by denaturing the oligomeric protein or its subunit in a solution with a protein-denaturing agent and removing the denaturing agent from the solution in the presence of polyoxyalkyl polyether having a functional group that reacts with a thiol group; and

(b) a step of isolating the subunit bonded to the polyoxyalkyl polyether from the solution.